

Exhibit P-40, Budget Item Justification Sheet								Date: February 2004				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6)								P-1 Item Nomenclature: POWER EQUIPMENT, ASSORTED				
Program Elements: 0206315M Force Service Support Group				Code: A	Other Related Program Elements:							
	Prior Years			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty												
Gross Cost	58.1			9.5	12.9	10.7	12.0	12.6	9.4	9.6	Cont	Cont
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	58.1			9.5	12.9	10.7	12.0	12.6	9.4	9.6	Cont	Cont
Initial Spares	1.3			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Total Proc Cost	59.4			9.5	12.9	10.7	12.0	12.6	9.4	9.6	Cont	Cont
Flyaway U/C												
Wpn Sys Proc U/C												
<p>Family of Power Equipment - This program includes all mobile electric power generators used by Fleet Marine Forces. Generator sizes and types range from 3KW to 100KW in both 60HZ and 400HZ. All generators are selected from the standard family of DoD Mobile Electric Power (MEP) sources and will be from the new series of "Tactical Quiet Generators" (TQGs).</p> <p>Alternative Power Sources for Communication Equipment (APSCE) - Program will consist of a suite of devices used to provide power to operate communications equipment, computers and peripheral equipment in place of primary batteries (disposable, one time use, lithium batteries) and fuel powered generators. The purpose is to limit the use of batteries, especially hazardous material producing ones, to those applications where they are the only appropriate tactical choice.</p> <p>Generators- The 3 types of generators are operationally linked with Command, Control, Communications, Computers and Intelligence (C4I), weapons systems, and anything requiring electrical power. C4I systems are increasing as technology continues to advance, which increases the demand for Tactical Quiet Generators (TQG's). C4I and supported weapons systems readiness is directly effected as power equipment readiness decreases. Any reduction would jeopardize the operational effectiveness of those critical systems. This is a Joint DoD program. DoD provides all branches of service with the necessary research, development, program management and contract vehicles. Contracts are open and available. All USMC funds are for procurement of assets only. This program is based on the continuous replacement of generators that have exceeded their lifecycles with ones that incorporate environmental, safety, and performance enhancements.</p> <p>Mobile Electric Power Distribution Systems (MEPDIS) - This program is the key element of the operational forces and operationally linked with C4I systems. The program provides a modernized Standard Family of Mobile Electric Power Distribution Systems to meet Marine Corps power requirements to support a variety of C4I systems and expeditionary forces. Any reduction would jeopardize the operational effectiveness of those critical systems.</p> <p>FY03 includes \$580 thousand Cost of War (COW) effort for 35 Commercial Generators (25 Kilowatts).</p>												

Exhibit P-40a, Budget Item Justification for Aggregated Items									Date: February 2004				
Appropriation / Budget Activity Procurement, Marine Corps (1109) / Engineer and Other Equipment (6)							P-1 Item Nomenclature: POWER EQUIPMENT, ASSORTED						
Procurement Items	Code	UOM	Prior Years		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
30KW/60HZ, MEP-805A, TAMCN B0953	A	D	2.9		2.5	2.6	2.1	3.3	1.9	0.0	0.0	Cont	Cont
		Q											
3KW/60HZ, MEP-831, TAMCN B0730	A	D	8.1		2.1	2.1	1.2	1.3	1.7	0.0	0.0	Cont	Cont
		Q											
10KW/60HZ, MEP-803A, TAMCN B0891	A	D	0.0		3.1	0.0	0.0	0.0	0.0	6.6	0.0	0.0	9.8
		Q											
100KW/60HZ MEP-007 TAMCN B1045	A	D	0.0		0.0	2.2	2.5	3.3	4.8	1.4	0.0	Cont	Cont
		Q											
10KW/400HZ, MEP-813A, TAMCN B0921	A	D	0.0		0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
		Q											
Mobile Electric Power Distribution System (MEPDS)	A	D	3.7		0.9	1.3	1.5	0.8	0.4	1.4	0.4	Cont	Cont
		Q											
Alternative Power Sources for Communication	A	D	0.0		0.0	4.7	3.4	3.2	3.7	0.0	0.0	0.0	15.1
Equipment (APSCE)		Q											
Commercial Generators (Cost of War)	A	D	0.0		0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
		Q											
Advanced Medium Mobile Power System	A	D	0.0		0.0	0.0	0.0	0.0	0.0	0.0	5.5	Cont	Cont
Light Power (3-10KW)		Q											
Advanced Medium Mobile Power System	A	D	0.0		0.0	0.0	0.0	0.0	0.0	0.0	3.7	Cont	Cont
Medium Power (20-60KW)		Q											

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Engineer and Other Equipment (6)			P-1 Line Item Nomenclature: FAMILY OF POWER EQUIPMENT			Weapon System Type:			Date: February 2004		
Weapon System Cost Elements	ID	FY 03			FY 04			FY 05					
	CD				TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost
					\$000	Each	\$	\$000	Each	\$	\$000	Each	\$
Alternate Power Source Communication								4715	VAR	VAR	3420	VAR	VAR
30KW/60HZ, MEP-805A, TAMCN B0953	A				2516	100	25156	2566	100	25659	2068	79	26173
3KW/60HZ, MEP-831, TAMCN B0730	A				2067	235	8795	2099	234	8971	1235	135	9150
10KW/400HZ, MEP-813A, TAMCN B0921					338	20	16895						
100KW/60HZ MEP-007 TAMCN B1045	A							2200	40	55000	2525	45	56100
10KW/60HZ, MEP-803, TAMCN B0891	A				3104	233	13320						
Electric Power Distribution Systems	A												
Mobile Electric Power Distribution System (MEPDS) 15/30/100Kw Generators					493	VAR	VAR	993	VAR	VAR	1026	VAR	VAR
MAGNUM Generators (COW)					580	35	16571						
Integrated Logistics Support					397			314			383		
Total Active Reserve					9494			12887			10657		